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2681

Our Docket No: 015685.P050



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

re Application of:

Dogan et al.

Application No: 09/967,056

Filed: September 28, 2001

For: Training Sequences for Peak to  
Average Power Constrained  
Modulation Formats

Examiner: Not yet assigned

Art Unit: 2681

#  
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4-3-02  
MB

PRELIMINARY AMENDMENT AND REMARK

RECEIVED

MAR 1 8 2002

Technology Center 2600

Box Non-Fee Amendment  
Assistant Commissioner for Patents  
Washington, D.C. 20231

Sir:

Prior to examination of the above-captioned case, Applicant respectfully requests  
the Examiner to enter the following amendment:

AMENDMENT

In the specification:

Please delete paragraph 13 and insert the following replacement paragraph  
in its place:

A set of spatial multiplexing weights for each subscriber station are applied to the  
respective modulated signals to produce spatially multiplexed signals to be transmitted by  
the bank of four antennas. The host DSP 231 produces and maintains spatial signatures  
for each subscriber station for each conventional channel and calculates spatial